

Fig. 1

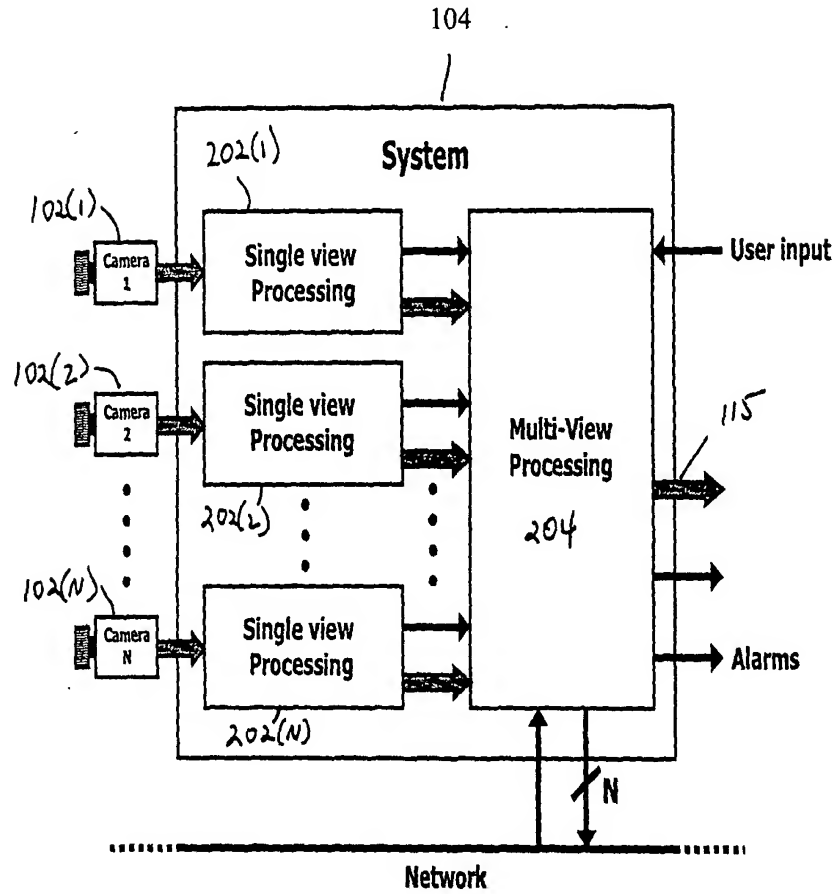


Fig. 2

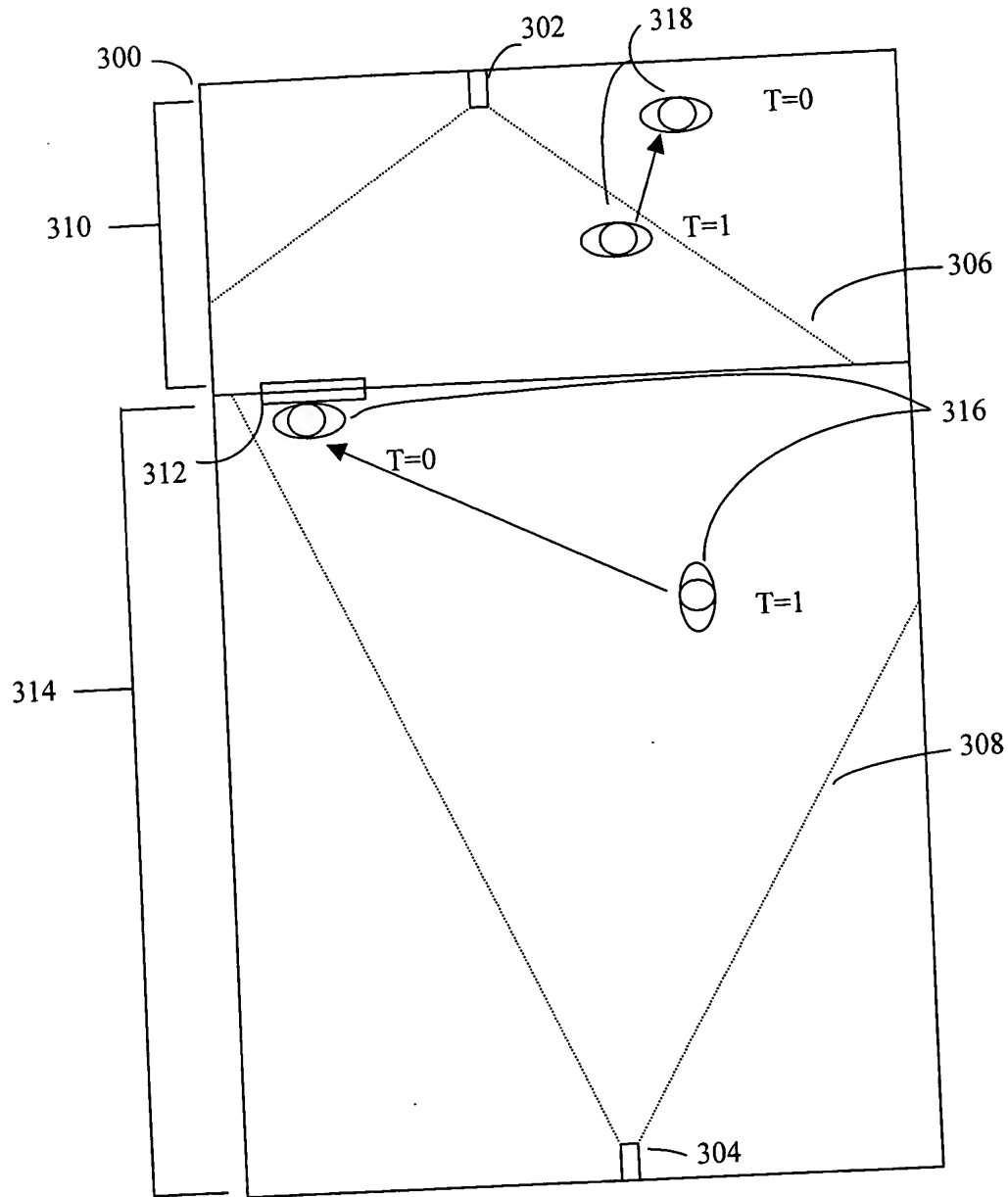


Fig. 3

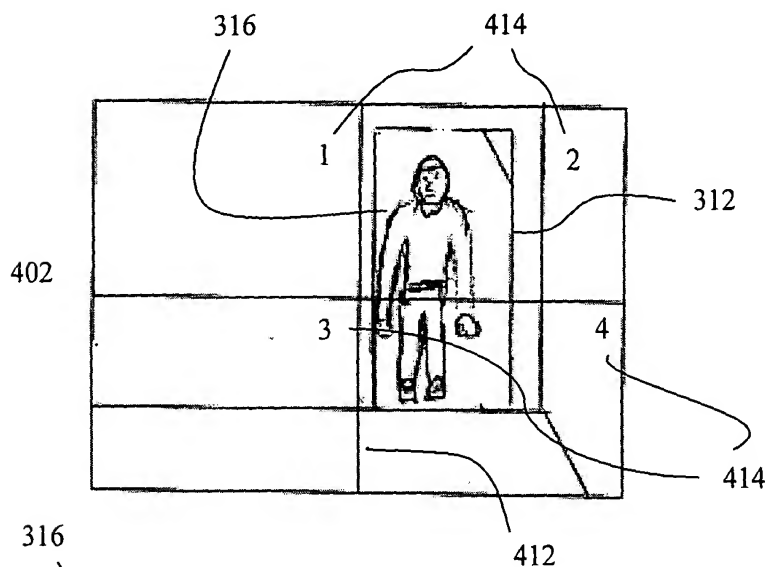


Fig. 4A

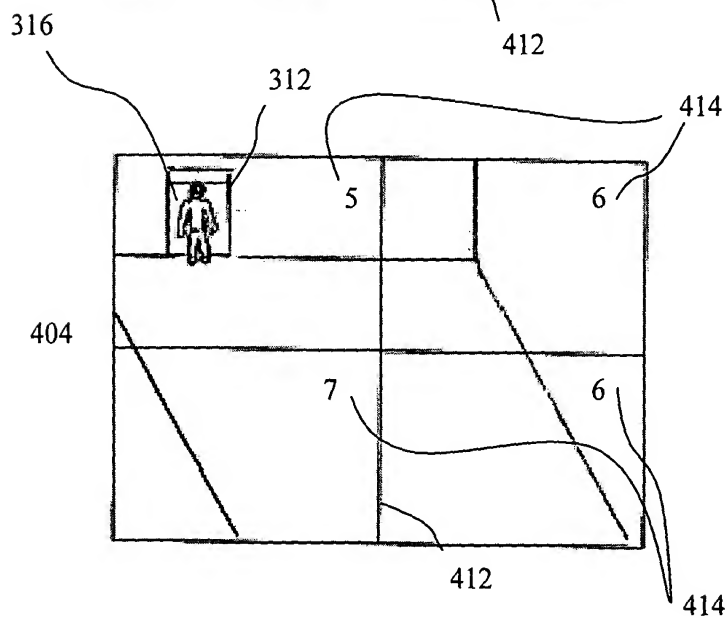


Fig. 4B

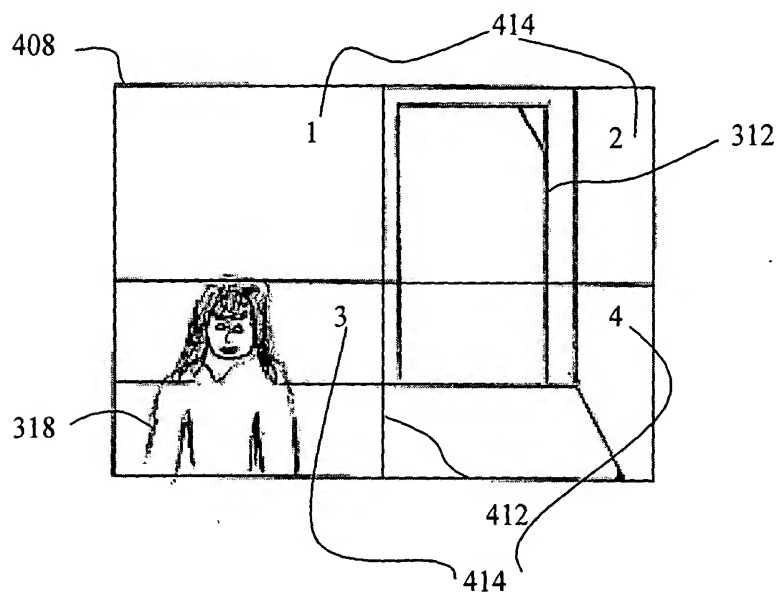


Fig. 4C

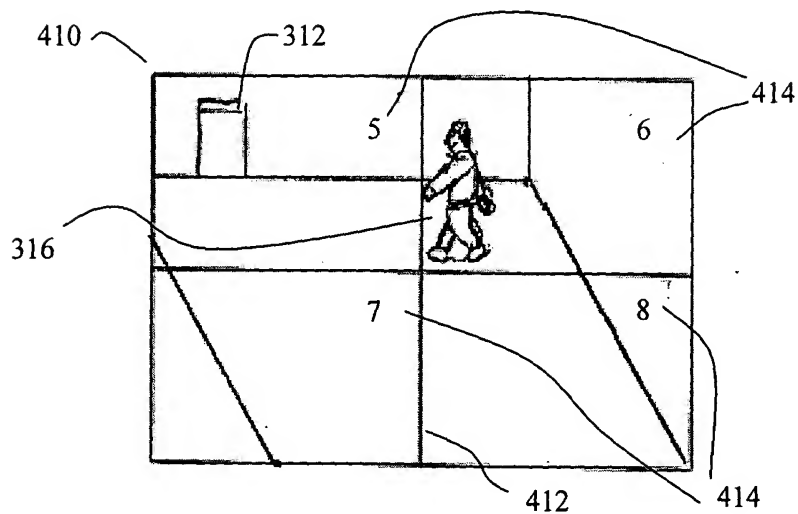


Fig. 4D

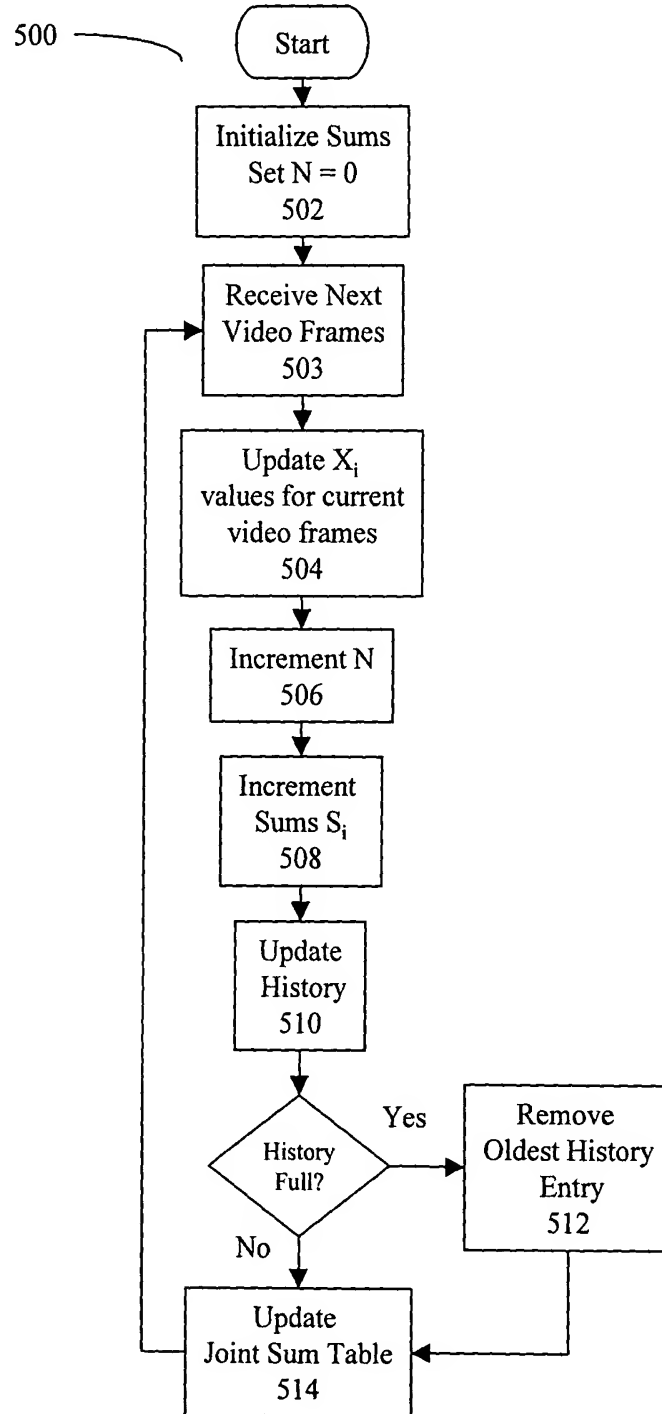


Fig. 5

600

Camera 1	Image Region (i)	Current $X_i$	$S_i$
	1, 1 (1)	0	253
	2, 1 (2)	1	380
	1, 2 (3)	0	106
	2, 2 (4)	1	300

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Camera 2	Image Region (i)	Current $X_i$	$S_i$
	1, 1 (5)	1	400
	2, 1 (6)	0	35
	1, 2 (7)	0	170
	2, 2 (8)	0	12

Fig. 6A

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HISTORY TABLE	
Prior frame $T=$	Objects present in
0	2, 4, 5
1	3, 6
2	1, 8
3	2,
4	3
5	1, 2
6	4, 7
7	2, 4, 5
8	1
9	6, 7

Fig. 6B

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		Image region <i>j</i>							
N=500		1	2	3	4	5	6	7	8
	T=0	188	265	483	491	371	362	340	482
1	T=1	390	134	290	375	27	301	389	464
	T=2	239	25	157	459	174	444	375	179
	T=0	265	451	187	419	244	259	139	145
2	T=1	376	151	143	408	350	128	289	362
	T=2	412	160	301	442	107	479	220	237
	T=0	483	187	350	144	139	199	216	440
3	T=1	224	453	258	401	218	392	495	437
	T=2	250	210	376	221	499	453	188	179
	T=0	491	419	144	100	234	175	296	203
4	T=1	151	166	430	398	269	416	243	363
	T=2	142	446	402	468	469	201	282	285
	T=0	371	244	139	234	321	159	291	204
5	T=1	212	253	326	398	308	191	396	125
	T=2	152	234	295	389	297	123	122	243
	T=0	362	259	199	175	159	255	383	195
6	T=1	140	413	293	108	246	456	379	498
	T=2	495	385	141	222	435	354	342	242
	T=0	340	139	216	296	291	383	439	127
7	T=1	199	442	460	329	212	132	310	247
	T=2	173	443	486	214	265	483	328	370
	T=0	482	145	440	203	204	195	127	462
8	T=1	425	439	189	357	306	259	333	306
	T=2	249	384	146	356	393	260	188	462

Fig. 6C



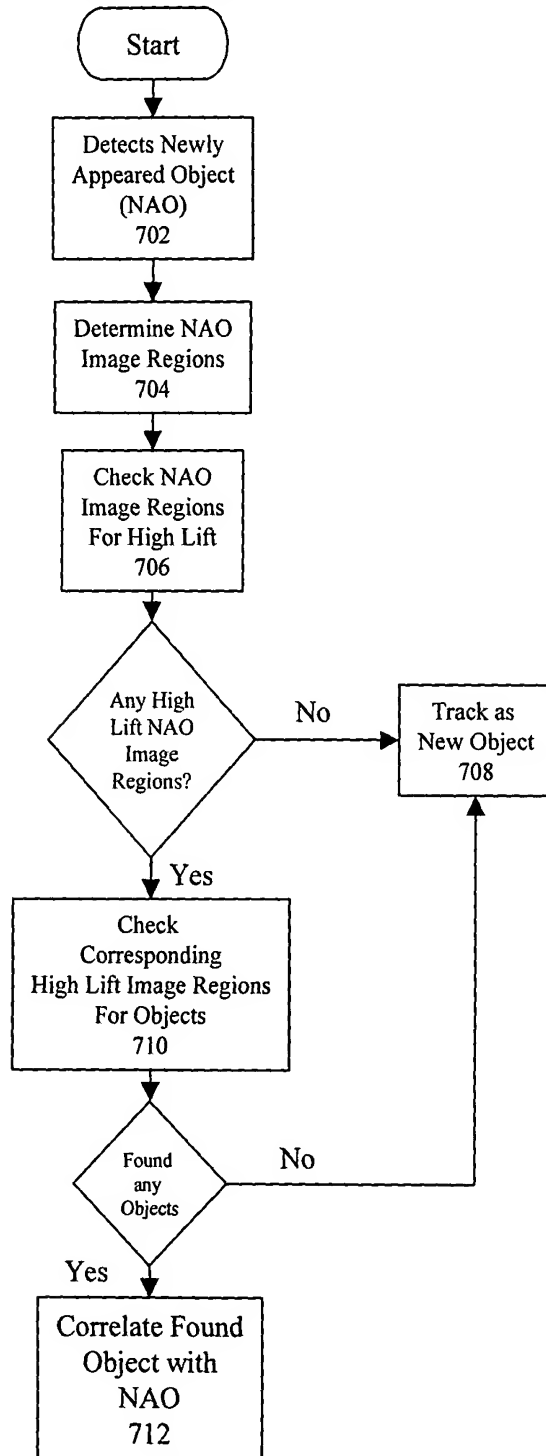


Fig. 7